(3)

BRUHAT BANGALORE MAHANAGARA PALIKE

Yelahanka Zone, Electrical Division

Detailed Estimate for Operation and Maintenance of Street lights in Choudeshwari Ward Ward Nos.02, Package 'Y-2'

Budget Head ..... P-0300 .....

Division No..... Estimate No. AEE/EST/06/15-16 For Rs. 24.25 Lakhs.

Sl. No.	Description of Work	Qty.	Rate / Pole / Month	Per	Amount per Month	Amount for 12 Month
1	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starter, Drawing of suitable capacity double insulated wire along with messenger wire in place of damaged LTUG cable of street lighting system and Painting of street light & park MS tubualar Poles and footing, Pole numbering ,switching ON/OFF of street lights at specified timing and Preparing data bank of street lights, TC wise & Circuit Wise Master register for each ward, removing of buntings Posters, threads, banners from the street light poles and carrying out routine maintenance, cleaning of perfex covers, pruning of trees around fittings periodically, furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below.					
	i) Poles with 36/40 W fluorescent tube lights complete with luminaries, lamps, control gear and all accessories.	394	39.71	Per / Month	15645.74	187748.88 ✓
	ii) Poles with 125W HPMV lamps complete with luminaries, lamps, control gear and all accessories	100	51.14	Per / Month	5114.00	61368.00 ✓
	iii) Poles with 250W HPSV lamps complete with luminaries, lamps, control gear and all accessories	1567	87.25	Per / Month	136720.75	1640649.00 ✓
	v) Supply & Replacing of 400 watts HPSV light accessories complete with chokes,igniter, lamps, control gear,control ropes,internal mast cable,etc complete for High mast lighting system.	201	94.84	Per / Month	19062.84	228754.08 ✓
2	Operation and maintenance of Manual and Automatic Timer Switching circuits including replacement of electrical gadgets, such as MCB's Contactors, Timer, Cut-outs, wiring connector and M.S. Box with proper insulation etc., complete.	91	259.62	Per / Month	23625.42	283505.04 ✓

Sl. No.	Description of Work	Qty.	Rate / Pole / Month	Per	Amount per Month	Amount for 12 Month
3	Painting of existing street light pole after scrapping the old paint and painted with suitable colour enamel/Silver paint including coping/looting of the pole a) Upto 5 Mtr street light pole KPWD S.R. 2010-11 P.No-55, I.No-63	85	260	no	22100.00	22100.00
	Missalaneous					875
	Total				222268.75	2425000.00

CERTIFICATE

1 The Place was inspected and work is essential
2 The Provision made in the estimate is adequate and are necessary
3 The Work comes in the BBMP limit and is legitimate charges on the Corporation Funds.
4 The rates in the Estimate is based on the rates of KPWD ele SR 2010-11 and Rates approved by Works Committee order No. 368/2013-14 dated 23.05.2014

Asst. Engineer (Elec)

Ass.Exe.Engineer (Elec)
Sub-Division No
Bruhat Bangalore Mahanagara Palike

EXECUTIVE ENGINEER (ELEC)
YELAHANKA ZONE
BRUHAT BANGALORE MAHANAGARA PALIKE

Administrative Approval
Accorded For 24.25 lakh Rs
Head of A/C PO300
CER NO :34 Dt: 07.10.15

TA CE (YNK)

Technical Sanction
Accorded For 24.25 lakh Rs
Head of A/C PO300
CER NO :72 Dt: 07.10.15

TA CE (YNK)